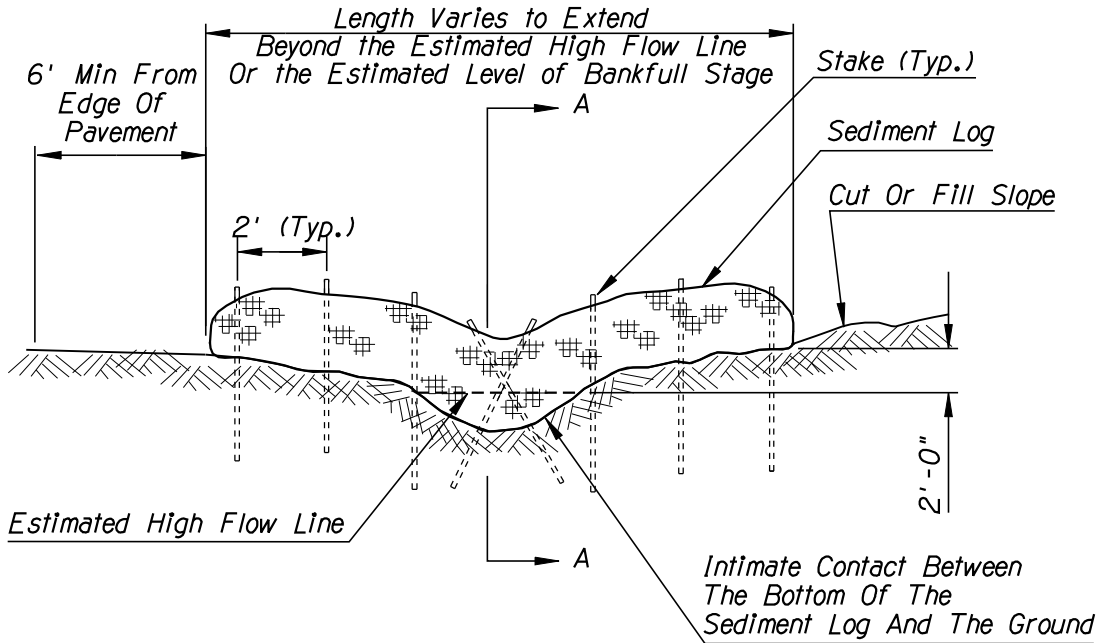
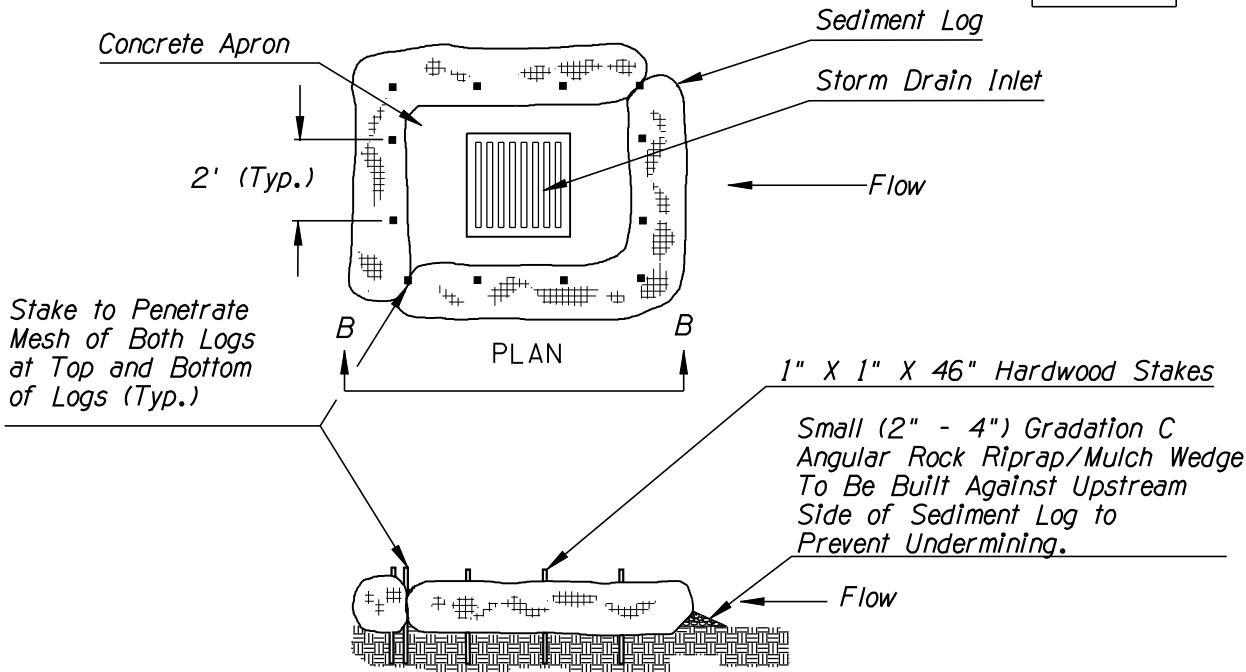


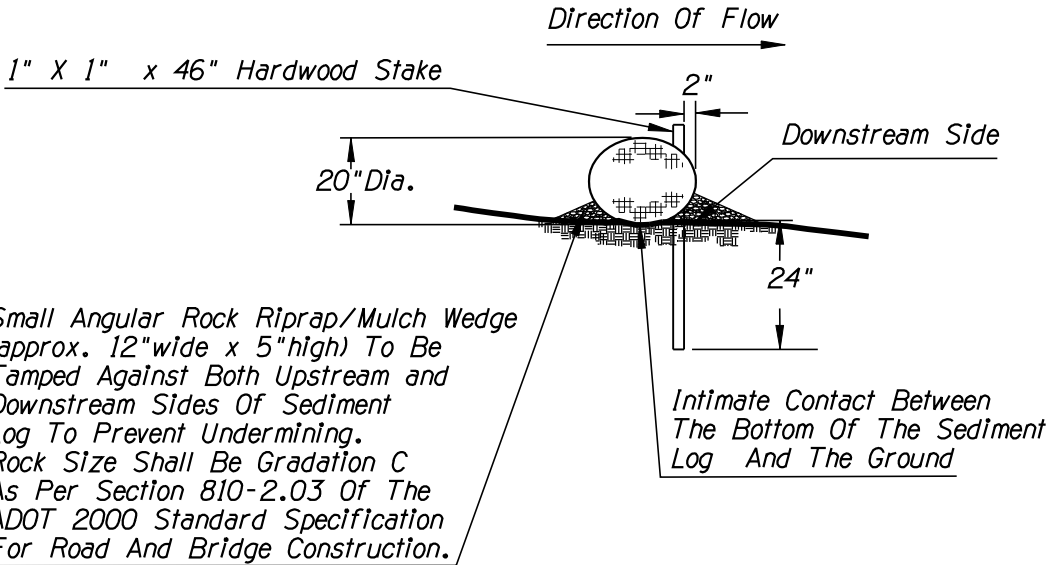
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



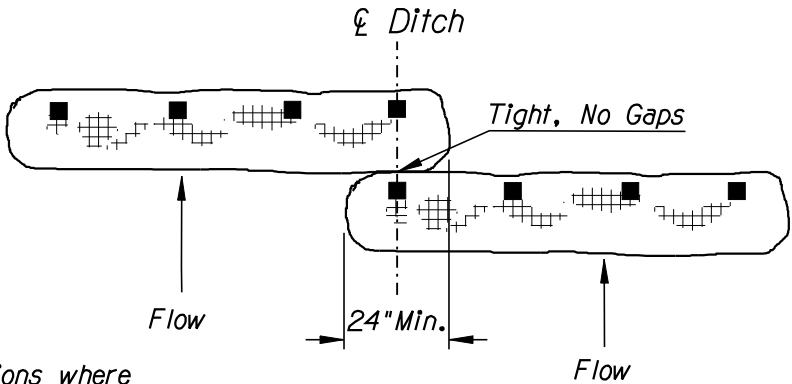
SEDIMENT LOG IN DITCH/CHANNEL  
SECTIONAL ELEVATION (NTS)



During Construction  
SEDIMENT LOG AT STORM DRAIN  
SECTION-ELEVATION B-B (NTS)



SECTION A-A (NTS)



TYPICAL OVERLAP  
PLAN (NTS)

Note:  
Overlap applies to situations where ditch/channel is wider than length of single Sediment Log.

NOTES:

1. No Sediment Logs shall be installed in the urban freeway medians, as well as where cable barrier systems are employed.
2. Sediment Logs shall be located as indicated in plans SWPPP or as directed by the Engineer.
3. Logs shall be selected, installed, and maintained with manufacturers' specifications and good engineering practices.
4. Lay sediment log across prepared ditch or channel. Trenching or burial of Sediment Logs is not required. The intimate contact between the bottom of the Log and the ground is mandatory. The Logs shall be installed in the ditch, swale or channel bottom perpendicular to the flow of water as shown on detail this sheet.
5. Stake Log as shown. Stakes shall be placed through downstream side only as shown.
6. DO NOT drive stakes through center of the log. Stakes must be driven into the ground as shown.
7. Ensure that no gaps exist between soil and bottom of Sediment Log. Repair any rills or undercuts promptly.
8. In rock conditions the Engineer will evaluate placement of Sediment Logs.
9. For ditch slopes that exceed 5%, install rock riprap for channel/ditch lining or rock check dams in place of Sediment Logs.
10. Remove Sediment Log and stakes once final stabilization requirements are met.
11. Contractor to dispose Sediment Logs and trapped sediment material and to fill shallow trench created by Sediment Log.
12. The installation and maintenance of Sediment Log BMPs shall not negatively impact traffic safety, as well as the designed function of roadway or bridge drainage facilities. For erosion/sediment control purposes, Sediment Log BMPs shall be installed and maintained to carry the storm water of at least 2-year, 24-hour events.
13. The Sediment Log BMP's pay/bid item shall include all materials used for this BMP, all ground preparation, furnishing, installing, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.

DETAIL E1

NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADSIDE DEVELOPMENT SECTION
DESIGN E LEROY BRADY	10-2007	
DESIGN ZITAO FANG	10-2007	
DRAWN ZITAO FANG	10-2007	
CHECKED E LEROY BRADY	10-2007	EROSION/SEDIMENT CONTROL AND WATER QUALITY PROTECTION DETAILS
TEAM LEADER E LEROY BRADY	10-2007	

ROUTE	MP	LOCATION	SHEET	OF
TRACS NO.				OF